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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: September 3, 2003

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	Unassigned 10/653,290
Filing Date	09/03/2003
First Named Inventor	K.R. SRIDHAR et al.
Group Art Unit	Unassigned 1745
Examiner Name	Unassigned J. MAPLES
Attorney Docket Number	079173-0125

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
J	A1	6,280,865	B1	Eisman et al	8/28/01	
	A2	6,329,090	B1	McElroy et al	12/11/01	
	A3	5,741,605		Gillett et al	4/21/98	
	A4	5,733,675		Dederer et al	3/31/98	
	A5	5,601,937		Isenberg	2/11/97	
	A6	5,573,867		Zafred et al	11/12/96	
	A7	5,527,631		Singh et al	6/18/96	
	A8	5,498,487		Ruka et al	3/12/96	
	A9	5,441,821		Merritt et al	8/15/95	
	A10	5,302,470		Okada et al	4/12/94	
	A11	5,170,124		Blair et al	12/8/92	
	A12	5,169,730		Reichner et al	12/8/92	
	A13	5,143,800		George et al	9/1/92	
	A14	5,047,299		Shockling	9/10/91	
	A15	4,983,471		Reichner et al	1/8/91	
	A16	4,898,792		Singh et al	2/6/90	
	A17	6,403,245	B1	Hunt	6/11/02	
	A18	6,013,385		DuBose	01/11/00	
	A19	6,436,562	B1	DuBose	08/20/02	
	A20	2002/0058175	A1	Ruhl	5/16/02	
J	A29	6,051,125		Pham, et al	4/18/00	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
J	A21	Cell and Stack Construction: Low-Temperature Cells, L.G. Austin, NASA SP-120, 1967	
J	A22	Low Cost, High Efficiency Reversible Fuel Cell Systems, Proceedings of the 2002 U.S. DOE Hydrogen Program Review, NREL/CP-610-32405	

Examiner Signature



Date Considered

5-24-07

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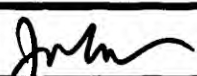
⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: September 3, 2003 (use as many sheets as necessary)		Applicati n Number	Unassigned
		Filing Date	09/03/2003
		First Named Inventor	K.R. SRIDHAR et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	2	of	2
		Attorney Docket Number	079173-0125

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
J	A23	Low Cost Reversible Fuel Cell System, Proceedings of the 2000 U.S. DOE Hydrogen Program Review, June 15, 2000, NREL/CP-570-28890	
	A24	Low Cost, Compact Solid Oxide Fuel Cell Generator, NASA Small Business Innovation Research Program (no date)	
	A25	Small, Ultra Efficient Fuel Cell Systems, Advanced Technology Program ATP 2001 Competition (June 2002)	
	A26	Low Cost, High Efficiency Reversible Fuel Cell (and Electrolyzer) Systems, Proceedings of the 2001 DOE Hydrogen Program Review NREL/CP-570-30535 (no date)	
J	A27	Regenerative Fuel Cells for High Altitude Long Endurance Solar Powered Aircraft, F. Mitlitsky, et al, 28 th Intersociety Energy Conversion Engineering Conference (IECEC), 7/28/93, UCRL-JC-113485	
	A28	Unitized Regenerative Fuel Cells for Solar Rechargeable Aircraft and Zero Emission Vehicles, F. Mitlitsky, et al, 1994 Fuel Cell Seminar, 9/6/94, UCRL-JC-117130 (sent)	

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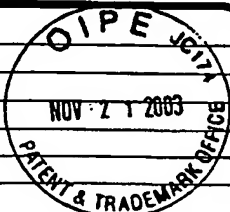
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Substitute for form 1449B/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/653,240	
Date Submitted: November 21, 2003				Filing Date	9/3/2003	
(use as many sheets as necessary)				First Named Inventor	K. R. SRIDHAR	
				Group Art Unit	Unassigned	
Sheet	1	of	1	Examiner Name	Unassigned	
				Attorney Docket Number	079173-0125	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
J	A1	4,917,971		Farooque	04-17-1990	I
	A2	4,041,210		Van Dine	08-09-1997	
	A3	5,034,287		Kunz	07-23-1991	
	A4	6,531,243		Thom	03-11-2003	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			

NON PATENT LITERATURE DOCUMENTS			
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J	A5	US 2003 0157386 A1 Published 8/21/03	Y
	A6	US 2003 0205641 A1 Published 11/6/03	Y
	A7	US 2003 0162067 A1 Published 8/28/03	Y

Examiner Signature		Date Considered	5-24-07
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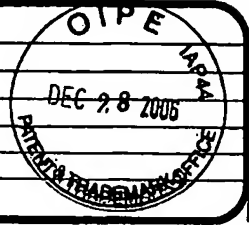
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 28, 2006 (use as many sheets as necessary)			Complete if Known		
			Application Number	10/653,240	
			Filing Date	9/3/2003	
			First Named Inventor	K. R. SRIDHAR	
			Art Unit	1745	
			Examiner Name	John S. Maples	
			Attorney Docket Number	079173-0125	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
Y I Q	D1	6,033,794	03-2000	George et al.	—
	D2	2003/0167105	09-2003	Colburn, Jeffrey A.	—
	D3	2004/0137300	07-2004	Gemmen et al.	—

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			

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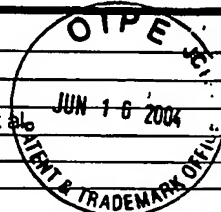
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 16, 2004 (use as many sheets as necessary)				Application Number	10/653,240
				Filing Date	09/03/03
				First Named Inventor	K. R. SRIDHAR et al.
				Group Art Unit	1745
				Examiner Name	Unassigned
				Attorney Docket Number	079173-0125
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
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<i>g</i>	A38	"High Temperature Electrolysis of Steam and Carbon Dioxide", Soren Hojgaard Jensen et al., from Proceedings of Riso International Energy Conference, held at Riso National Laboratory, Denmark, May 19-21, 2003, Riso-R-1405(CN), pages 204-215, L.S. Peterson and H. Jensen, eds.	Y

Examiner Signature	<i>John</i>	Date Considered	5-24-07
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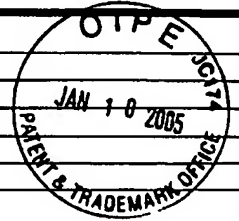
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: January 10, 2005 (use as many sheets as necessary)			Complete if Known Application Number 10/653,240 Filing Date 09/03/2003 First Named Inventor K. R. SRIDHAR Group Art Unit 1745 Examiner Name John S. Maples Attorney Docket Number 079173-0125		
Sheet	1	of	1		



U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	B1	4,792,502		Trocciola et al.	12/20/1988	
	B2	5,501,914		Satake et al.	03/26/1996	
	B3	5,505,824		McElroy	04/09/1996	
	B4	5,686,196		Singh et al.	11/11/1997	
	B5	5,955,039		Dowdy	09/21/1999	
	B6	2001/0049035		Haltiner, Jr. et al.	12/06/2001	
	B7	2002/0028362		Prediger et al.	03/07/2002	
	B8	2002/0106544		Noetzel et al.	08/08/2002	
	B9	6,451,466		Grasso et al.	09/17/2002	
	B10	6,623,880		Gelsbrecht et al.	09/23/2003	
	B11	2003/0196893	A1	McElroy et al.	10/23/2003	
	B12	2004/0081859	A1	McElroy et al.	04/29/2004	
	B13	2004/0191597	A1	McElroy	09/30/2004	
	B14	2004/0224193	A1	Mitlitsky et al.	11/11/2004	
	B15	6,821,663	B2	McElroy et al.	11/23/2004	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
	B16	PCT	WO 2004/093214		ION AMERICA CORP.	10/28/2004	

NON PATENT LITERATURE DOCUMENTS

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	B17	U. S. Application Serial No. 10/446,704, filed May 29, 2003.	

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 31, 2005 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/653,240
				Filing Date	09/03/2003
				First Named Inventor	K.R. SRIDHAR et al.
				Group Art Unit	1745
				Examiner Name	John S. Maples
				Attorney Docket Number	079173-0125
Sheet	1	of	1		

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